Index of Claims

| Anni | licatio | n | /Co  | ntro | No |
|------|---------|---|------|------|----|
| ~PP' | Ioano   | • | , 00 |      |    |

10/603,408

Applicant(s)/Patent under Reexamination

MIKA, LAWRENCE J. Art Unit

Examiner

2123

Luke Osborne

Rejected Allowed

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

**Appeal** Α 0 Objected

|                 |  | _        | <u> </u>    |                            | _          |                                       | J                                      |          | Щ.       | Ц               | _ |
|-----------------|--|----------|-------------|----------------------------|------------|---------------------------------------|--|----------|----------|-----------------|---|
| Cla             | im   | Date     |             |                            |            |                                       |  |          | 1        |                 |   |
| Final           | Original   | 1/14/05  | 9/2/02      | 10/27/05                   | 4/1/06     | 90/2/6                                | 3/27/07                                |          |          |                 |   |
|                 | 1  | 1        | 1           | 1                          | 7          | 1                                     | 1                                      |          |          | $\vdash$        | 1 |
|                 | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8   | 7777     | √<br>√<br>√ | \<br>\<br>\<br>\<br>\<br>\ | ファファファファファ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> |          |          |                 | 1 |
|                 | 3  | 4        | 1           | <b>√</b>                   | 7          | 1                                     | 7                                      |          |          |                 |   |
|                 | 4  | 1        | \ \         | √                          | 1          | 1                                     | 1                                      |          | L        |                 |   |
|                 | 5  | 1        | \<br>\<br>\ | √                          | 1          | 1                                     | 1                                      |          |          |                 | Į |
|                 | 6  | 1        | 1           | ٧,                         | 7          | 1                                     | ٧,                                     | _        | <u> </u> | _               | Į |
|                 |  | L        | 7 7 7       | 7777                       | 7          | 1                                     | 7                                      | -        | <u> </u> | <u> </u>        | ł |
|                 | 8  | H        | N 1         | 7                          | ·/         | V                                     | 7                                      | <u> </u> | ┝        | _               | - |
|                 | 10   |          | ٧<br>1      | 1                          | ٧<br>ما    | 1                                     | 1                                      | -        | ⊢        | ┢               | ł |
|                 | 11   |          | Ľ           | 7                          | 7          | J                                     | 1                                      | -        | ┢        | $\vdash$        | ł |
|                 | 12   | $\vdash$ |             | H                          | <u> </u>   | H                                     | Ť                                      | $\vdash$ | $\vdash$ | ┢╌              | ł |
|                 | 13   |          |             |                            | $\vdash$   | -                                     | _                                      | ┢        | ┢        | $\vdash$        | ł |
|                 | 14   |          |             |                            |            |                                       |  | $\vdash$ |          |                 | 1 |
|                 | 15   |          |             |                            |            |                                       | _                                      | $\vdash$ |          |                 | 1 |
|                 | 16   |          |             |                            |            |                                       |  |          |          |                 | 1 |
|                 | 17   |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 18   |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 19   |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 20   |          |             |                            |            | L.                                    |  | _        |          |                 | 1 |
|                 | 21   |          |             |                            |            |                                       |  | ļ        |          |                 | Į |
| L               | 22   | _        |             |                            |            |                                       |  |          |          |                 | l |
|                 | 23   |          | _           |                            |            | L                                     | _                                      | <u> </u> |          |                 | l |
|                 | 24   | $\vdash$ | _           | $\vdash$                   |            |                                       | _                                      | <u> </u> | <u> </u> | ⊢               | l |
|                 | 25   |          |             |                            |            |                                       |  | ┝        | <u> </u> | H               | l |
|                 | 27   |          |             | _                          |            | $\vdash$                              |  | $\vdash$ | $\vdash$ | H               | l |
|                 | 28   |          | -           |                            |            |                                       |  | -        | ┢        | $\vdash$        |   |
|                 | 29   |          |             |                            |            |                                       |  |          | $\vdash$ | -               |   |
|                 | 30   |          |             |                            |            |                                       |  |          | $\vdash$ |                 |   |
|                 | 31   |          |             |                            |            |                                       |  |          |          |                 | l |
|                 | 32   |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 33   |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30<br>31<br>32<br>33<br>34<br>35 |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 35   |          |             |                            |            |                                       |  |          |          | Ш               |   |
|                 | 36<br>37<br>38   |          |             |                            |            |                                       |  |          | _        |                 |   |
|                 | 37   | =        |             |                            |            | _                                     |  |          | <u> </u> | _               |   |
|                 | 38   | -        |             | -                          |            |                                       | _                                      |          | <u> </u> | -               |   |
|                 | 39   |          |             | -                          |            |                                       |  |          | _        |                 |   |
|                 | 40   |          | -           | -                          |            |                                       |  |          |          | Н               |   |
| -               | 42   | -        |             | $\vdash$                   | _          | -                                     | -                                      |          | -        | Н               |   |
|                 | 43   |          | Н           | H                          |            | H                                     | -                                      | $\vdash$ | $\vdash$ | $\vdash \vdash$ |   |
| $\vdash \vdash$ | 44   |          |             | $\vdash$                   |            |                                       |  |          | Н        | Н               |   |
|                 | 45   |          |             |                            |            | Н                                     |  | П        | H        | Н               |   |
|                 | 46   |          |             |                            |            |                                       |  |          |          | П               |   |
|                 | 47   |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 48   |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 49   |          |             |                            |            |                                       |  |          |          |                 |   |
|                 | 50   |          |             |                            |            |                                       |  |          |          |                 |   |

| Cla       | aim            |          |              |                                     | -        | Date     | ——<br>е  |              |                                     |              |
|-----------|----------------|----------|--------------|-------------------------------------|----------|----------|----------|--------------|-------------------------------------|--------------|
|           |                |          |              |                                     | Г        |          | Ī        |              |                                     |              |
| <u>70</u> | Original       | ĺ        |              |                                     |          |          |          |              | ŀ                                   |              |
| Final     | Ē              |          |              |                                     |          |          |          | 1            |                                     |              |
|           | 0              |          |              | l                                   |          | 1        |          |              |                                     |              |
|           | 51             | -        | $\vdash$     |                                     | _        | -        | -        |              |                                     | $\vdash$     |
|           | 51<br>52       | 1        | $\vdash$     | $\vdash$                            | -        |          | -        | $\vdash$     | ╫─                                  | $\vdash$     |
| -         | 53             | ┢        | $\vdash$     | -                                   | -        | ⊢        | ┝        | $\vdash$     | -                                   | ┢            |
|           | 54             | $\vdash$ | $\vdash$     | -                                   | -        | ┢        | $\vdash$ | $\vdash$     | $\vdash$                            | $\vdash$     |
| <b></b>   | 53<br>54<br>55 | $\vdash$ | $\vdash$     | ┢┈                                  | -        | -        |          | -            | $\vdash$                            | ┝            |
| -         | 56             | ├        | _            | H                                   | H        | -        | <u> </u> | -            | -                                   | -            |
| <b> </b>  | 56<br>57       | _        |              |                                     |          |          |          |              |                                     | $\vdash$     |
| <b>—</b>  | 58             | -        | _            | $\vdash$                            | $\vdash$ | -        | ┢        | -            |                                     | ┢            |
|           | 59             | $\vdash$ | -            | -                                   | $\vdash$ | ┝        | $\vdash$ | ┢            | _                                   | ┝            |
|           | 60             | $\vdash$ | <del> </del> | ┢                                   | $\vdash$ | _        | $\vdash$ | $\vdash$     |                                     | ┢┈           |
|           | 61             | $\vdash$ | $\vdash$     |                                     |          | $\vdash$ | $\vdash$ | $\vdash$     | _                                   | $\vdash$     |
|           | 62             | ┝        | -            | -                                   | $\vdash$ | -        | ┢        | ┢            |                                     | <del> </del> |
| <b>-</b>  | 63             | -        | -            | -                                   | $\vdash$ | $\vdash$ | H        |              |                                     | -            |
| $\vdash$  | 64             | -        |              | _                                   | $\vdash$ |          | $\vdash$ | _            | _                                   |              |
| $\vdash$  | 64<br>65<br>66 | $\vdash$ |              |                                     | -        | _        | -        | ┝            | _                                   | ├─           |
| <u> </u>  | 66             | $\vdash$ | ┝            | -                                   | -        | _        | -        | -            |                                     | ┝            |
| -         | 67             | H        |              | ├-                                  | -        |          |          | ├—           | _                                   | ⊢            |
| -         | 68             | ┝        |              | ⊢                                   | $\vdash$ | _        |          |              |                                     | <u> </u>     |
| -         | 60             |          | _            | H                                   | _        |          |          | <u> </u>     |                                     | -            |
| <u> </u>  | 69<br>70<br>71 |          |              | _                                   |          | _        |          | $\vdash$     | _                                   | -            |
| <u> </u>  | 70             | ⊢        |              | _                                   | _        |          |          | -            |                                     | <u> </u>     |
|           | 71             | $\vdash$ | ⊢            |                                     | H        |          |          | <del> </del> |                                     | ļ            |
|           | 72             | -        | <u> </u>     |                                     |          |          |          |              | _                                   |              |
|           | 72<br>73<br>74 | <u> </u> | -            | _                                   |          | _        |          | _            | <u> </u>                            | _            |
|           | 74             | ├        | <u> </u>     | L                                   | $\vdash$ | _        | _        | <b> </b>     |                                     |              |
|           | 75<br>76       | <u> </u> | <u> </u>     | _                                   | _        |          | _        | <u> </u>     | <u> </u>                            |              |
| -         | /6             |          | <u> </u>     | L                                   |          |          |          | _            | <u> </u>                            |              |
|           | 77<br>78       | _        |              | $\vdash$                            | Ш        | _        | _        | <u> </u>     | <u> </u>                            |              |
| <u> </u>  | 78             | <u> </u> | _            | $\vdash$                            |          |          | _        | _            | <u> </u>                            |              |
| <u> </u>  | 79             |          | _            |                                     |          |          |          | <u> </u>     |                                     |              |
|           | 80             |          |              |                                     |          |          |          | <u> </u>     | _                                   |              |
| <u></u>   | 81             | _        | L            | _                                   |          | _        |          | <u> </u>     |                                     |              |
|           | 82             |          | _            |                                     |          | _        |          |              |                                     | _            |
| _         | 83             | $\vdash$ | _            | _                                   | _        | _        |          |              |                                     |              |
| <b></b>   | 84             | <u> </u> | <u> </u>     | <u> </u>                            | $\vdash$ |          |          | $\vdash$     | _                                   | L            |
| <u> </u>  | 85             | L        | <u> </u>     | L                                   |          |          |          | <u> </u>     | $oxed{oxed}$                        | <u> </u>     |
| <u> </u>  | 86<br>87       | <u> </u> | _            | $\sqcup$                            | <u> </u> |          | L        | L            | L.                                  | <u> </u>     |
| <u></u>   | 87             | $\Box$   | _            |                                     | _        |          |          | L            | _                                   |              |
| <u></u>   | 88             |          |              |                                     |          |          |          |              |                                     | _            |
|           | 89             |          |              |                                     |          |          |          |              | L                                   | _            |
| ļ         | 90             |          |              |                                     |          |          |          | _            |                                     |              |
| <u></u>   | 91             | _        | _            | Ш                                   | L.,      |          | L        | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |              |
| <u></u>   | 92             |          |              | lacksquare                          |          |          |          | _            | L.,                                 |              |
| L         | 93             | لــــا   | L            | L                                   | Щ        | لــــا   |          |              |                                     | _            |
| $\vdash$  | 94             | Ш        | L.           | $oxed{oxed}$                        | L        |          | ļ        |              |                                     |              |
|           | 95             |          |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ.       |          |          | _            |                                     |              |
| <u></u>   | 96             |          |              |                                     |          |          | L.,      | L.           | L_                                  |              |
| <u> </u>  | 97             | Ш        | L.           | $oxed{oxed}$                        |          |          | L        |              | L                                   |              |
|           | 98             |          |              |                                     |          |          |          | L            |                                     |              |
|           | 99             | L        |              |                                     | Ш        |          |          | Ш            |                                     | oxdot        |
|           | 100            |          |              |                                     |          |          |          |              |                                     |              |

| Cli   | aim  | Date     |              |              |          |          |                                     |   |          |          |
|-------|--|----------|--------------|--------------|----------|----------|-------------------------------------|---|----------|----------|
| Finat | Original   |          |              |              |          |          |                                     |   |          |          |
|       | 101  |          |              |              |          |          |                                     |   |          | П        |
|       | 101<br>102   |          |              |              |          |          |                                     |   |          | П        |
|       | 103  |          |              |              |          |          |                                     |   |          |          |
|       | 104  |          | L            |              |          |          |                                     |   |          |          |
|       | 103<br>104<br>105                                    | _        | <u> </u>     | _            | <u> </u> |          |                                     |   | L.,      | Щ        |
|       | 106<br>107   |          |              | <u> </u>     |          | <u> </u> | <u> </u>                            |   |          | Ц        |
|       | 107  |          | <u> </u>     | -            |          | -        | -                                   |   |          | Н        |
| -     | 108<br>109   |          | ┝            | -            | -        | $\vdash$ | -                                   |   |          | -        |
|       | 110  | -        | <del> </del> | $\vdash$     | _        | $\vdash$ |                                     | - | $\vdash$ | Н        |
|       | 111  |          | $\vdash$     |              | H        |          |                                     |   | $\vdash$ | Н        |
|       | 112  |          |              | П            | Т        | $\vdash$ |                                     | Т | П        | H        |
|       | 110<br>111<br>112<br>113                             |          |              |              |          |          |                                     |   |          |          |
|       | 114<br>115<br>116<br>117                             |          |              |              |          |          |                                     |   |          |          |
|       | 115  |          | _            | L            | L        |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |   |          | Ш        |
|       | 116  | Ļ.,      | <u> </u>     | <u> </u>     | <u> </u> | <u> </u> | <u> </u>                            |   |          | Ш        |
|       | 117  |          | _            | _            | <u> </u> | _        | _                                   |   |          | Н        |
|       | 118  |          | $\vdash$     | $\vdash$     | -        |          | ├                                   |   |          | Н        |
|       | 118<br>119<br>120<br>121                             | _        | ⊢            |              | -        | ┝        |                                     | _ | _        | Н        |
|       | 121  | _        | -            |              |          | $\vdash$ | $\vdash$                            |   | -        | $\vdash$ |
|       | 122  | _        | -            | _            | _        | -        | ┢                                   |   |          | Н        |
|       | 123  |          | $\vdash$     |              |          | _        |                                     |   |          |          |
|       | 124  |          |              |              |          |          |                                     |   |          |          |
|       | 125  |          |              |              |          |          |                                     |   |          |          |
|       | 122<br>123<br>124<br>125<br>126<br>127<br>128<br>129 |          | <u> </u>     |              | _        | _        | <u> </u>                            |   |          | Ш        |
|       | 127  |          | L            |              |          | _        | <u> </u>                            |   |          | Ш        |
|       | 128  |          |              | -            |          | _        | <u> </u>                            |   |          | Ш        |
|       | 129  | $\vdash$ |              | _            |          | _        |                                     |   |          | H        |
|       | 130<br>131<br>132                                    |          | _            |              |          | Н        | -                                   | - | _        |          |
|       | 132  |          |              |              |          | $\vdash$ |                                     |   | _        | _        |
|       | 133  |          |              |              |          |          | -                                   |   |          |          |
|       | 133<br>134<br>135<br>136                             |          |              |              |          |          |                                     |   |          |          |
|       | 135  |          |              |              |          |          |                                     |   |          |          |
|       | 136  |          |              |              |          |          |                                     |   |          |          |
|       | 137  |          |              |              |          |          | _                                   |   |          |          |
|       | 138<br>139   |          | _            | _            |          |          |                                     |   |          |          |
|       | 140  |          |              |              |          | _        |                                     | - |          | $\dashv$ |
|       | 141  |          | $\vdash$     | -            | -        | H        | H                                   |   | _        | $\vdash$ |
|       | 142  |          |              | -            | -        | -        | H                                   |   |          | Н        |
|       | 143  |          |              |              |          | П        | Г                                   |   | _        | Н        |
|       | 144  |          |              |              |          |          |                                     |   |          |          |
|       | 145  |          |              |              |          |          |                                     |   |          |          |
|       | 146  |          |              |              |          |          | $\Box$                              |   |          |          |
|       | 147  |          |              | $oxed{oxed}$ |          |          | L                                   |   |          |          |
|       | 148  |          | _            | <u> </u>     |          |          | L                                   |   |          | Щ        |
|       | 149<br>150   | _        | $\vdash$     | -            |          | H        | -                                   |   | _        | Н        |
|       | 130  | <u></u>  |              |              |          |          |                                     | L |          | Ш        |